

10650589_QUAL

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| 5218299 | 35 |
| 5257532 | 35 |
| 5265200 | 35 |
| 5282150 | 35 |

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PLUS Search Results for S/N 10650589, Searched January 06, 2005

The Patent Linguistics Utility System (PLUS) is a USPTO automated search

system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are

most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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10650589_CLS

Most Frequently Occurring Classifications of Patents Returned
From A Search of 10650589 on January 06, 2005

Original Classifications

2 324/307
2 375/226
2 382/224
2 704/256
2 707/101
2 707/104.1
2 708/200

Cross-Reference Classifications

4 706/20
4 706/25
3 707/101
3 707/102
3 707/2
2 382/156
2 382/197
2 382/253
2 455/226.1
2 704/259
2 706/15
2 706/16
2 707/3
2 708/445
2 708/603
2 708/606
2 708/709

Combined Classifications

5 706/25
5 707/101
4 706/20
3 706/16
3 707/102
3 707/2
2 219/705
2 219/709
2 324/307
2 375/226
2 382/156
2 382/197
2 382/224
2 382/253
2 455/226.1

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2 704/256
2 704/259
2 706/15
2 707/1
2 707/104.1
2 707/3
2 708/200
2 708/445
2 708/603
2 708/606
2 708/709

10650589_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 10650589 on January 06, 2005

| | | |
|---|-------------|---|
| 5 | 706/25 | (1 OR, 4 XR) |
| | Class 706 : | DATA PROCESSING: ARTIFICIAL INTELLIGENCE |
| | 706/15 | NEURAL NETWORK |
| | 706/25 | .Learning method |
| 5 | 707/101 | (2 OR, 3 XR) |
| | Class 707 : | DATA PROCESSING: DATABASE AND FILE |
| | | MANAGEMENT OR DATA STRUCTURES |
| | 707/100 | DATABASE SCHEMA OR DATA STRUCTURE |
| | 707/101 | .Manipulating data structure (e.g., |
| | | compression, compaction, compilation) |
| 4 | 706/20 | (0 OR, 4 XR) |
| | Class 706 : | DATA PROCESSING: ARTIFICIAL INTELLIGENCE |
| | 706/15 | NEURAL NETWORK |
| | 706/16 | .Learning task |
| | 706/20 | ..Classification or recognition |
| 3 | 706/16 | (1 OR, 2 XR) |
| | Class 706 : | DATA PROCESSING: ARTIFICIAL INTELLIGENCE |
| | 706/15 | NEURAL NETWORK |
| | 706/16 | .Learning task |
| 3 | 707/102 | (0 OR, 3 XR) |
| | Class 707 : | DATA PROCESSING: DATABASE AND FILE |
| | | MANAGEMENT OR DATA STRUCTURES |
| | 707/100 | DATABASE SCHEMA OR DATA STRUCTURE |
| | 707/102 | .Generating database or data structure (e.g., |
| | | via user interface) |
| 3 | 707/2 | (0 OR, 3 XR) |
| | Class 707 : | DATA PROCESSING: DATABASE AND FILE |
| | | MANAGEMENT OR DATA STRUCTURES |
| | 707/1 | DATABASE OR FILE ACCESSING |
| | 707/2 | .Access augmentation or optimizing |
| 2 | 219/705 | (1 OR, 1 XR) |
| | Class 219 : | ELECTRIC HEATING |
| | 219/678 | MICROWAVE HEATING |
| | 219/702 | .With control system |
| | 219/704 | ..Load condition sensor |
| | 219/705 | ...Plural diverse types |

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2 219/709 (1 OR, 1 XR)
 Class 219 : ELECTRIC HEATING
 219/678 MICROWAVE HEATING
 219/702 .With control system
 219/704 ..Load condition sensor
 219/709 ...Field intensity/reflection

2 324/307 (2 OR, 0 XR)
 Class 324 : ELECTRICITY: MEASURING AND TESTING
 324/300 PARTICLE PRECESSION RESONANCE
 324/307 .Using a nuclear resonance spectrometer system

2 375/226 (2 OR, 0 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/224 TESTING
 375/226 .Phase error or phase jitter

2 382/156 (0 OR, 2 XR)
 Class 382 : IMAGE ANALYSIS
 382/155 LEARNING SYSTEMS
 382/156 .Neural networks

2 382/197 (0 OR, 2 XR)
 Class 382 : IMAGE ANALYSIS
 382/181 PATTERN RECOGNITION
 382/190 .Feature extraction
 382/195 ..Local or regional features
 382/197 ...Directional codes and vectors (e.g., Freeman
 chains, compasslike codes)

2 382/224 (2 OR, 0 XR)
 Class 382 : IMAGE ANALYSIS
 382/181 PATTERN RECOGNITION
 382/224 .Classification

2 382/253 (0 OR, 2 XR)
 Class 382 : IMAGE ANALYSIS
 382/232 IMAGE COMPRESSION OR CODING
 382/251 .Quantization
 382/253 ..Vector quantization

2 455/226.1 (0 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS
 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
 CONVERTER
 455/226.1 .Measuring or testing of receiver

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2  704/256      (2 OR, 0 XR)
    Class 704 :  DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                  LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

                  COMPRESSION/DECOMPRESSION
    704/200      SPEECH SIGNAL PROCESSING
    704/231      .Recognition
    704/251      ..Word recognition
    704/255      ...Specialized models
    704/256      ....Markov

2  704/259      (0 OR, 2 XR)
    Class 704 :  DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                  LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

                  COMPRESSION/DECOMPRESSION
    704/200      SPEECH SIGNAL PROCESSING
    704/258      .Synthesis
    704/259      ..Neural network

2  706/15       (0 OR, 2 XR)
    Class 706 :  DATA PROCESSING: ARTIFICIAL INTELLIGENCE
    706/15       NEURAL NETWORK

2  707/1        (1 OR, 1 XR)
    Class 707 :  DATA PROCESSING:  DATABASE AND FILE
                  MANAGEMENT OR DATA STRUCTURES
    707/1        DATABASE OR FILE ACCESSING

2  707/104.1    (2 OR, 0 XR)
    Class 707 :  DATA PROCESSING:  DATABASE AND FILE
                  MANAGEMENT OR DATA STRUCTURES
    707/100      DATABASE SCHEMA OR DATA STRUCTURE
    707/104.1    .Application of database or data structure
                  (e.g., distributed, multimedia, image)

2  707/3        (0 OR, 2 XR)
    Class 707 :  DATA PROCESSING:  DATABASE AND FILE
                  MANAGEMENT OR DATA STRUCTURES
    707/1        DATABASE OR FILE ACCESSING
    707/3        .Query processing (i.e., searching)

2  708/200      (2 OR, 0 XR)
    Class 708 :  ELECTRICAL COMPUTERS:  ARITHMETIC PROCESSING
                  AND CALCULATING
    708/100      ELECTRICAL DIGITAL CALCULATING COMPUTER
    708/200      .Particular function performed

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10650589_CLSTITLES

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2  708/445      (0 OR, 2 XR)
    Class 708 :  ELECTRICAL COMPUTERS:  ARITHMETIC PROCESSING
                  AND CALCULATING
    708/100      ELECTRICAL DIGITAL CALCULATING COMPUTER
    708/200      .Particular function performed
    708/445      ..Averaging

2  708/603      (0 OR, 2 XR)
    Class 708 :  ELECTRICAL COMPUTERS:  ARITHMETIC PROCESSING
                  AND CALCULATING
    708/100      ELECTRICAL DIGITAL CALCULATING COMPUTER
    708/200      .Particular function performed
    708/490      ..Arithmetical operation
    708/603      ...Sum of products generation

2  708/606      (0 OR, 2 XR)
    Class 708 :  ELECTRICAL COMPUTERS:  ARITHMETIC PROCESSING
                  AND CALCULATING
    708/100      ELECTRICAL DIGITAL CALCULATING COMPUTER
    708/200      .Particular function performed
    708/490      ..Arithmetical operation
    708/606      ...Evaluation of powers

2  708/709      (0 OR, 2 XR)
    Class 708 :  ELECTRICAL COMPUTERS:  ARITHMETIC PROCESSING
                  AND CALCULATING
    708/100      ELECTRICAL DIGITAL CALCULATING COMPUTER
    708/200      .Particular function performed
    708/490      ..Arithmetical operation
    708/670      ...Addition/subtraction
    708/700      ....Binary
    708/706      .....Parallel
    708/709      .....Adding more than two numbers

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able 1
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 abstract 1
 academic 1
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 accordingly 2
 accumulative 3
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 achieved 1
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 added 3
 adding 4
 addition 2
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 additive 2
 address 1
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 advantage 3
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 against 3
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 ak 2
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 already 1
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 andomly 1
 another 3
 any 11
 ap 5

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been 6
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being 5
believed 2

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best 4
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blindly 1
block 1
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bounded 2
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campaigns 4
can 42
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case 4
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color 2
column 1
combination 1
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conducted 2

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favor 1
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fg 1
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field 1
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fk 17
fkof 1
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france 2

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proceedings 3
process 39
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recovers 1

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resulting 1
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right 2
rn 1
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rom 2
row 3
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rsin 1
rtw 1

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yij 2
yiljx 1
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yktr 1
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ys 1
yt 1
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